

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
NM-83584

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
Federal V Com #4

9. API Well No.  
30-015-35127

10. Field and Pool, or Exploratory Area  
Burton Flat Morrow - Atoka 73280

11. County or Parish, State  
Eddy County, NM

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Mewbourne Oil Company 14744

3a. Address  
PO Box 5270 Hobbs, NM 88240

3b. Phone No. (include area code)  
505-393-5905

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)  
1590' FNL & 910' FWL Unit E Sec 8-T20S-R28E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Spud, cement and BOPE tst
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

10/10/06...Spud 17 1/2" hole. TD'd 17 1/2" hole @ 445'. Ran 445' 13 3/8" 48# H40 ST&C Csg. Cemented with 225 sks BJ Lite Class C with additives. Mixed @ 12.5 #/g w/ 1.98 yd. Tail with 200 sks Class C with 2% CaCl2. Mixed @ 14.8 #/g w/ 1.34 yd. Circ 28 sks to pit. WOC 18 hrs. At 1:15 am on 10/11/06, test BOPE and 13 3/8" casing to 1250# for 30 minutes, held OK. Drilled out with 12 1/4" bit.

10/16/06...TD'd 12 1/4" hole @ 3003'. Ran 3003' of 9 5/8" 40# J55 LT&C csg. Cemented with 750 sks BJ Lite Class C with additives. Mixed @ 12.5 #/g w/ 1.98 yd. Tail with 400 sks Class C with 1% CaCl2. Mixed @ 14.8 #/g with 1.34 cf/sk yd. Circulate 100 sks to pit. WOC 18 hrs. Tested BOPE to 5000# and annular to 2500#. Replaced safety valve and TIW valve (charts attached). At 5:30 pm 10/16/06, tested 9 5/8" casing to 1500# for 30 mins as required. All held OK. Charts and schematic attached. Drilled out with 8 3/4" bit.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Kristi Green

Title Hobbs Regulatory

Signature

Date 10/19/06

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature)

Name  
(Printed/Typed)

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DATE 27 2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any State any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WESLEY W. INGRAM  
PETROLEUM ENGINEER

(Continued on next page)

# MAN WELDING SERVICES, INC.

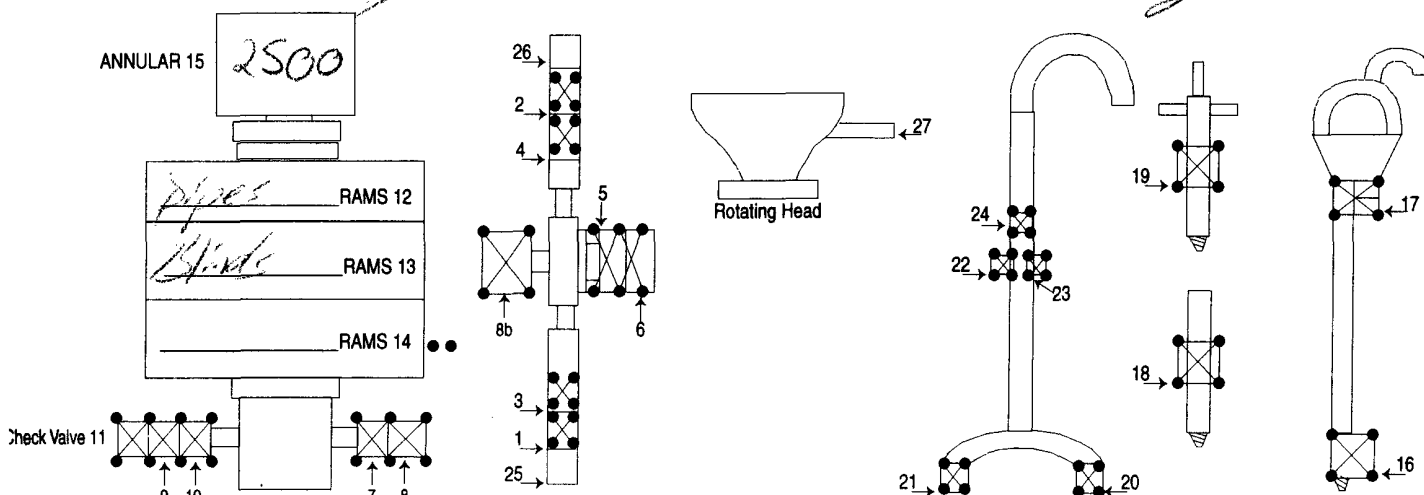
P.O. Box 1541 • Lovington, N.M. 88260  
BUS: 505 396-4540 • FAX: 505 396-0044



INVOICE

NO B 5004

Company 114W Boone Date Oct 16, 2006 Start Time 7:30 ☒ am ☐ pm  
Lease Feed V corn #11 County Edm State NA  
Company Man \_\_\_\_\_  
Wellhead Vendor \_\_\_\_\_ Tester Duke Norrell  
Drig. Contractor Patterson Rig # 41  
Tool Pusher \_\_\_\_\_  
Plug Type C-22 Plug Size 10" Drill Pipe Size 4 1/2 x 8  
Casing Valve Opened yes Check Valve Open yes



TEST #	ITEMS TESTED	TEST LENGTH	LOW PSI	HIGH PSI	REMARKS
1	1, 9, 15, 1, 26	5/10	250	5000	✓
2	13, 10, 1, 3, 2	5/10	250	5000	✓
3	13, 11, 3, 5, 1	5/10	250	5000	✓
4	12, 9, 8	5/10	250	5000	✓
5	12, 10, 7	5/10	250	5000	✓
6	13, 10, 7	5/10	250	5000	✓
7	13, 10, 7	5/10	250	5000	no test - would not hold ←
8	13, 10, 7	5/10	250	5000	no test - would not hold ←
9	16, 1, 10, 7	5/10	250	5000	✓
10	17, 1, 10, 7	5/10	250	5000	✓
					good
					110 lbs
					#2 HCR

8 HR@ \$1000 = \$1000  
HR@  
Mileage 150 @ \$11 = \$1650

SUB TOTAL \$1150  
TAX \$6.61  
TOTAL \$1216.61

# MAN WELDING SERVICES, INC

Company Mewlone Date Oct 16, 2006  
Lease Fed V com #4 County Colby  
Drilling Contractor Peterson #411 Plug & Drill Pipe Size 10" CD 4 1/2 x 10

## Accumulator Function Test - OO&GO#2

### To Check - USABLE FLUID IN THE NITROGEN BOTTLES (III.A.2.c.i. or ii or iii)

- Make sure all rams and annular are open and if applicable HCR is closed.
- Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
- 1. Open HCR Valve. (If applicable)
- 2. Close annular.
- 3. Close **all** pipe rams.
- 4. Open one set of the pipe rams to simulate closing the blind ram.
- 5. For 3 ram stacks, open the annular to achieve the 50+ % safety factor. (5M and greater systems).
- 6. **Record remaining pressure** 2300 **psi. Test Fails if pressure is lower than required.**
- a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system }
- 7. If annular is closed, open it at this time and close HCR.

### To Check - PRECHARGE ON BOTTLES OR SPHERICAL (III.A.2.d.)

- Start with manifold pressure at, or above, maximum acceptable pre-charge pressure:
  - a. {800 psi for a 1500 psi system} b. {1100 psi for 2000 and 3000 psi system}
- 1. Open bleed line to the tank, slowly. (**gauge needle will drop at the lowest bottle pressure**)
- 2. Close bleed line. Barely bump electric pump and see what pressure the needle jumps up to.
- 3. **Record pressure drop** 900 **psi. Test fails if pressure drops below minimum.**
- **Minimum:** a. {700 psi for a 1500 psi system} b. {900 psi for a 2000 & 3000 psi system}

### To Check - THE CAPACITY OF THE ACCUMULATOR PUMPS (III.A.2.f.)

- Isolate the accumulator bottles or spherical from the pumps & manifold.
- Open the bleed off valve to the tank, {manifold psi should go to 0 psi} close bleed valve.
- 1. Open the HCR valve, {if applicable}
- 2. Close annular
- 3. With **pumps** only, time how long it takes to regain the required manifold pressure.
- 4. **Record elapsed time** 10 sec **. Test fails if it takes over 2 minutes.**
- a. {950 psi for a 1500 psi system} b. {1200 psi for a 2000 & 3000 psi system}

